NOTES:

1. FOR GENERAL NOTES REFER TO 000-PR-PID-0001/0002/0003/0004.
2. ALL INSTRUMENT TAGS ARE PREFIXED WITH THE AREA NUMBER SHOWN ON THIS P&ID UNLESS OTHERWISE NOTED.
3. ACTUATOR FORMS PART OF MECHANICAL SUPPLY. (1)

PROCESS WATER DISTRIBUTION
334-PR-PID-9027
25-WPA-SC1-557
167-P-010

2nd Cu CLEANER TAILS PUMP 1
333-PP-9010
333-PR-PID-9011
315-SPP-PE2-225
300-SPP-SL1-225

2nd Cu CLEANER TAILS PUMP 2
333-PP-9011
333-PR-PID-9011
315-SPP-PE2-228
300-SPP-SL1-228

(334) 157-P-006

1st Cu CLEANER CONC. PUMP 1
333-PP-9001
333-PR-PID-9003
355-SPP-PE2-211
350-SPP-SL1-211

1st Cu CLEANER CONC. PUMP 2
333-PP-9002
333-PR-PID-9003
355-SPP-PE2-213
350-SPP-SL1-213

(334) 150-P-006

PE2 | SL1

(100KG10) YV 9089 SC1 | SL1 DETAIL YV2 TO GRADE
(100KG10) YV 9090 SC1 | SL1 DETAIL YV2 TO GRADE
(100KG10) YV 9091 SC1 | SL1 DETAIL YV2 TO GRADE
(100KG10) YV 9092 SC1 | SL1 DETAIL YV2 TO GRADE (1)

NOTE 3 DETAIL YV14: YV 9704, YV 9703, YV 9702, YV 9701
DETAIL SV1: SV 9095
(25BA1) S
AIT 9094 pH
AIC 9094

334-ZM-9004
334-ZM-9003
334-ZM-9002
334-ZM-9001

DN400
DN400
DN150
8 OFF
25BA1-03962 TO 03969 (1)
334-BX-9001

25BA1-03970
(150KG10) YV 9093 DETAIL YV2 (1)
400x250 400x250 400x250 400x250

150-SPP-SC3-859

165-M-001

2nd Cu CLEANER SCAV. TAILS HOPPER 334-HP-9004
400-SPP-SC3-371
334-PR-PID-9013

2nd Cu CLEANER SCAV. COLUMN 1 334-FT-9005
250-SPP-SL1-360
334-PR-PID-9009

2nd Cu CLEANER SCAV. COLUMN 2 334-FT-9006 (1)
250-SPP-SL1-362
334-PR-PID-9010

2nd Cu CLEANER SCAV. COLUMN 3 334-FT-9007 (1)
250-SPP-SL1-364
334-PR-PID-9011

2nd Cu CLEANER SCAV. COLUMN 4 334-FT-9008
250-SPP-SL1-253
334-PR-PID-9038

2nd Cu CLEANER SCAV. TAILS HOPPER 334-HP-9004
400-SPP-SC3-366
334-PR-PID-9013

334-BX-9001
2nd Cu CLEANER SCAV. FEED DISTRIBUTION BOX

334-ZM-9001 (1)
2nd Cu CLEANER SCAV. FEED DISTRIBUTION BOX DART ACTUATOR 1

334-ZM-9002
2nd Cu CLEANER SCAV. FEED DISTRIBUTION BOX DART ACTUATOR 2

334-ZM-9003
2nd Cu CLEANER SCAV. FEED DISTRIBUTION BOX DART ACTUATOR 3

334-ZM-9004
2nd Cu CLEANER SCAV. FEED DISTRIBUTION BOX DART ACTUATOR 4

DRG No	REFERENCE DRAWINGS	REV	DATE	DESCRIPTION	DRN	CHK'D	DESIGN ENG.	LEAD ENG.	DESIGN APP'D	PROJ. APP'D	CLIENT APP'D
		1	12JAN18	UPDATED FOR DESIGN CHANGES	AD	NK	DB	SB	BG	LG	
		0	11FEB16	ISSUED FOR CONSTRUCTION	CB	GCP	DB	CK	BG	SM	

Minera Panamá

DRAWN	CHECKED	DESIGN ENG.	LEAD ENG.	DESIGN APP'D	PROJ. APP'D	CLIENT APP'D

CLIENT: MPSA
PROJECT: MINA DE COBRE PANAMA

FIRST QUANTUM MINERALS LTD.

Lycopodium
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DRAWING TITLE:
COPPER COLUMN FLOTATION
2nd Cu CLEANER SCAV. FEED DISTRIBUTION BOX
PIPING & INSTRUMENTATION DIAGRAM

SCALE	JOB No.	DRG No.	REV.
NTS	1824	334-PR-PID-9008	1

DRAWN: AG
DATE: 15JUL14